

Laurence M. Huey

Field Notes

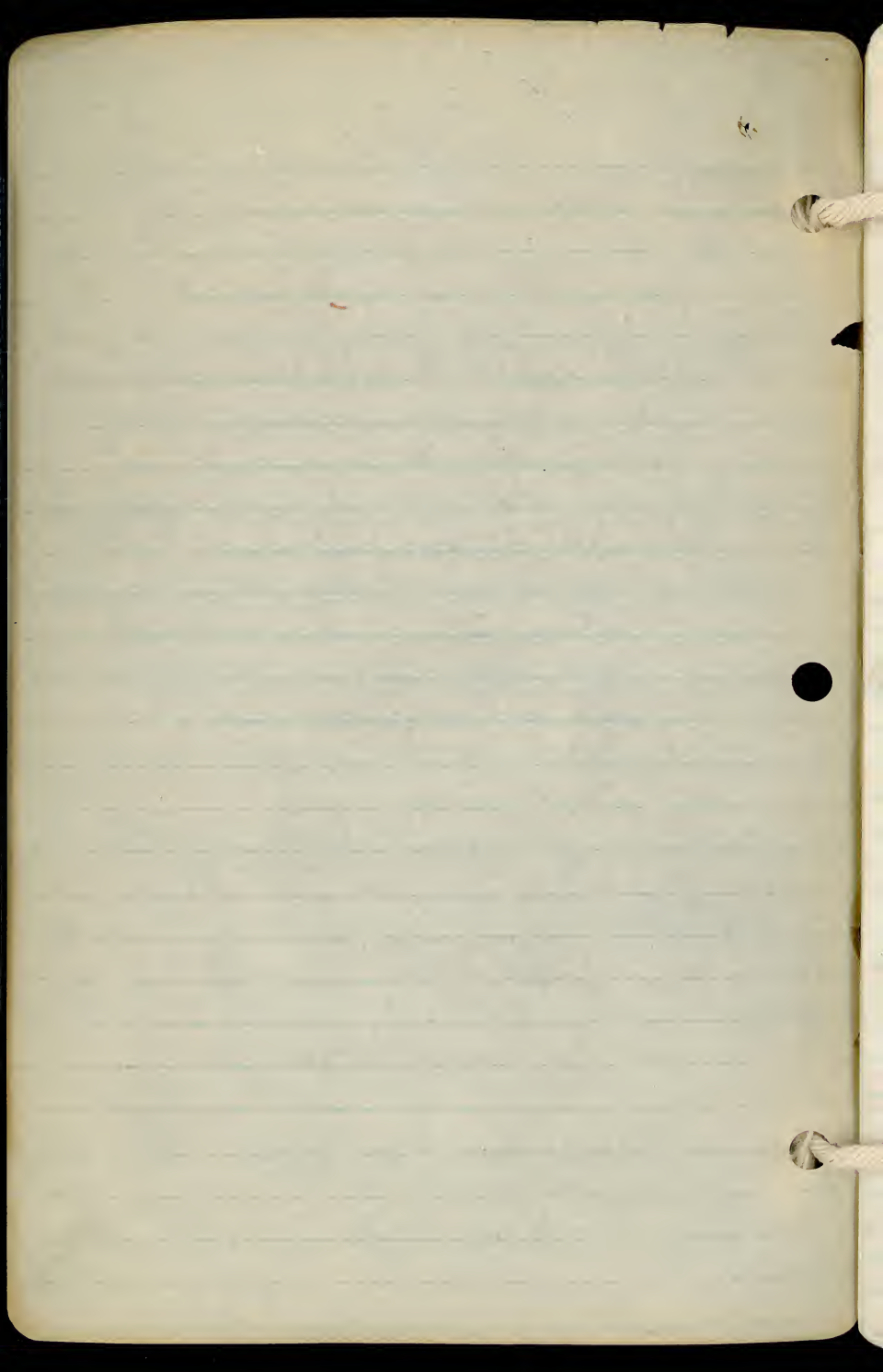
September 24, 1930 - November 3, 1930

1930

NOTES & NARRATIVE
of the
MUSEUM of NATURAL HISTORY
of
SAN DIEGO, CALIF.
to
LOWER CALIFORNIA
MEXICO

September 24, 1930 - November 3, 1930.

by
L. M. Hunt +
Ernest H. Quayle.



Huey's section -

S	27	4	11	18	25	1	8
F	26	3	16	17	24	31	7
T	25	1	9	16	23	30	6
W	24	1	8	15	22	29	5
T	30	7	14	21	28	4	4
W	29	6	13	20	27	3	3
S	28	5	12	19	26	2	2

Sept. 24- 1930

Left San Diego bound for Punta Prieta lower Calif. with Sam Hunter and E.H. Quayle as assistants. Our start was made about 2:30 p.m. and by the time the boundary was crossed the Mexican Custom House was closed. This fact made it necessary to camp a few miles out of Tijuana and await the opening of that official office at 9 a.m. next morning.

Sept 25-

after some controversy and telephoning to the Mexican consul in San Diego we got under way at 12 o'clock noon.

Our goods etc. were passed without charges or delay but the question of the truck passing without bond proved to be the big fly in the ointment. However, with the Consul's sanction all ended well. Next time it will be advisable to get special consular documents in this respect.

Spent the night about two miles east of Santa Tomas. we pitched camp about 9 p.m.

Sept 26

Made a 7 a.m. start and arrived at Miss Hamilton's at 1 p.m. shot a few birds enroute. As Quayle was delegated to keep the narrative of the trip - birds seen etc. I will do little more than outline

Sept. 25 - 1930

The stopovers until trapping begins in earnest.

Left Hamiltons about 3.30 after having lunch & refueling. Only 5 gallons of gas were available so will be a nip & tuck to get to El Rosario where she told us gas was available.

Spent the night at ~~San~~ Santa Maria which lies a few miles south-east of San Quintin.

Saw a poorwillie but did not get a shot.

Sept. 27 - 1930

Broke camp at 7.15 morning, heavily overcast. in fact was black and cold most of the day -

Shot birds at several places enroute to El Rosario -

at Socorro - we walked along the beach and great numbers of dead crawfish were seen on the beach I can hardly explain this as there were all sizes from 4 or 5 inches in length to great old granddaddys.

Filled up the tank at El Rosario (10 gall) wrote a few notes home and left.

at lunch time I crawled under the truck & found the differential almost dry. This was disconcerting to say the least. After some trouble unloading the truck we replenished the oil and left.

Oct 26 1952

Took 4 shots at a coyote with the 25-35
r knocked him down at 250 yards.

Sept. 27 - 1930

The hills above Aguaita were very rough & steep but were negotiated without disaster.

→ Made camp at San Fernando about 8 p.m.

Set about 40 traps 1 mile east of the old mission. The level creosote sparsely covered flat was chosen where the main brush was stunted creosote. Coyotes yelled all about during the night.

Sept. 28 -

Day cold & overcast - sun came out about 1 p.m. The traps held 1 *Perognathus l. richardsoni* 2 *Perognathus f. fallax* and 1 *Dip. m. semipalmatus*.

Skinned specimens until mid-afternoon when we broke camp and stopped for the night 1 mile west of San Agustín.

Sam and I set out our traps through the creosote association and desert pavement - of loose medium sized rocks.

Sept. 29 - 1930

Day overcast. strong west wind. - cold

Sam came in with a mouse this morning - a *Perognathus longipennis*. This animal is probably new and I hope to get a series tho the season is quite late for them. It is also held 4 *Perognathus forsteri*, several *Dipodomys m. semipalmatus*. My line held 3 *D. m. semipalmatus* & 2 *perognathus l. richardsoni*.

Sept. 29 - 1930

The boys went hunting while I stayed in camp to prepare specimens. Wind was cold & raw - and when they got back we pitched the tent.

Chipmunks were fairly common - which stood out in bold contrast with the scarcity of rodent tracks. Quagga's auxiliary barrel went to pieces and stuck in the gun yesterday. This promises to interrupt our hunting activities.

The same thing happened to Sam's ax. today which doubles the worry.

Sept. 30 - 1930

Our traps had been set in a very likely looking (*Perognathus longirostris*) strip of ground where the desert pavement gave away to the silty valley floor. Creosote was the principal growth.

However a heavily overcast sky and cold wind kept the small pocket mice in and our catch was short -

Sam caught 4 *Perodromus m. semipalmatus* while I caught 4 *Perod. ummearius* & 2 *perognathus a. hillii*.

The boys again went hunting while I put up skins -

Camp at San Agustín NW 1/4 E.

San Agustín

main road

silt flat

silt flat

H₂O 30 ft

H₂O 32 ft

H₂O 30 ft

H₂O 29 ft

Temp 26

Paint Paint

Road to Sta. Catorine

Camp

Paint paint

H₂O 30 ft

Sept. 30-1930

Set traps again through the likely looking, longmounds ground while Sam put his through a more rocky region higher up.

Oct. 1-

My traps held *Pipos*. only both *pernambianus* & *unipallidus*. Sam caught 4 *Pipos*. & 1 each of *Perognathus spinatus* & *Perognathus b. richardsoni*.

Quayle and Sam went hunting south of camp. Returned after 1 p.m.

Sam found a pair of *Leucis Thrashers* & collected 1. This was the only noteworthy bird in the lot.

Set traps again through the edge of the desert pavement amid the creosote bushes - Sam set along a small desert wash & through the pavement.

Put out my flash traps about sundown. it fired at 8 p.m. I reset it and it was fired at 9. I reset it a gain and at 11 it was fired again. Hearing some thing snuffing out side the tent Quayle and I stepped out with the light and found a mongrel *Archie* dog in camp - In all probability the subject of my pictures! 2. doses of shot sent him yelping off but tracks next morning in camp proved he hadn't gone far.

Oct. 2 - 1930

Traps held an abundant catch in spite of the cold, cold night. nothing unusual - however - 7 *D. m. semipallidus*, 1 *Tipo* sp. nov. - 1 *Tipo*, *peromyscus* 4 *Peromyscus* *e. fraterculus* 3 *Perognathus* *arcanus* - 9 *perognathus fallax*. 1 *Perog. formosus* (shale broken) 1 *Perognathus baileyi richardsoni*.

Wind blowing violently from east Today & every thing dusty.

Boys came in with a good kill - and anticipate a busy day.

In mid-afternoon the whistle of a Leconte's Warbler was heard near camp and Gangle went after it. He returned in half an hour with 3 fine specimens.

Traps were set along rocky ridges, this evening on the chance of finding *Perognathus* *spumatus*. We worked until 11:30 with a total of 48 skins for the day.

October 3 - 1930

A coyote got into my trap line and made off with 9 traps & specimens. leaving but two mice in all the rest of my traps.

Sam's line proved much better and he caught 7 *perognathus fallax* - 1 *p. baileyi richardsoni* - 1 *Tipo*, *m. semipallidus* & 1 *peromyscus e. fraterculus*.

Oct 2 - 1900

Very little of the day was spent in the field. The morning was spent in the office, and the afternoon in the field. The day was very warm, and the sun was very bright. The wind was very strong, and the air was very dry. The ground was very hard, and the water was very hot. The day was very long, and the night was very dark. The stars were very bright, and the moon was very full. The day was very interesting, and the night was very beautiful.

Oct 3 - 1900

A very hot day, with a strong wind. The sun was very bright, and the air was very dry. The ground was very hard, and the water was very hot. The day was very long, and the night was very dark. The stars were very bright, and the moon was very full. The day was very interesting, and the night was very beautiful.

October 3-1930

Boys went hunting as usual while I stayed in camp to skin.

Day clear & cool with moderate east wind blowing at 8.30 am.

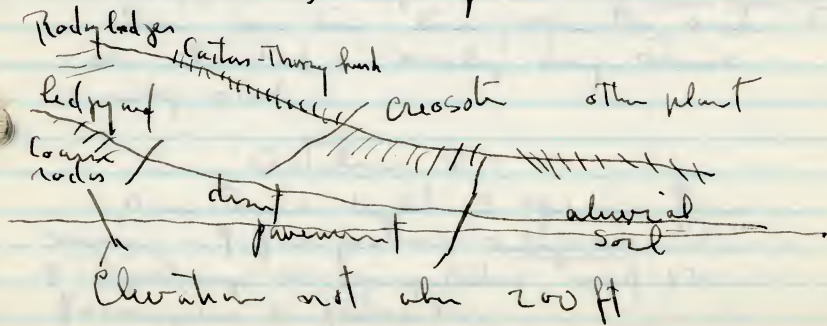
Night was better cold. with but little wind.

About 10 a violent east wind came up & was exceedingly hot.

Cleaned up a bit in afternoon & tomorrow we move camp. How far I could not say - but Catawba is scheduled to be the next day stop.

Set our traps over the level alluvial plain this evening. Here the soil was fine sand silty and I have a hope (very dim hope) of getting another perognathus longimirus.

The area through which we have trapped here would form the basis of a very nice article on perognathus as six varieties have been taken and while the area is not over a half mile in diameter 3 distinct associations are present



October 2, 1950

Today I went back to school
and started a typing class
which I had been waiting for
for some time. I had been
told that it was better than
the other one.

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October 4 -

My line held 3 animals - 1 *Perognathus*
longimulus - 1 *Dipod. sp. nov.* - 1 *Dipod-*
agilis, *subsp. nov.*

Sams held 2 *Perognathus* *helleri*
1 *Perognathus* *formosus* & 6 *Dipodomys*

We packed up & left for El Marmal
where I ~~was~~ plan to make some repairs
on the gun barrels & grease the Ford.

Spent most of the afternoon on
the work but managed to get away
about 4 p.m.

Made camp after dark about 10 miles
north of Salavina. The region was
a gentle slope, plain cheyarranded
with cires - giant cactus - scattering
mesquite and some brush, studded
with large granite boulders - making
one of the most picturesque settings
in the light of a nearly full moon.

When setting my line of traps, I
ran onto a small rattlesnake
up in a bush - called Quayh
to bring the pop. pistol and
named the specimen -

Sams ran his line over the ^{same type of} area
as I had - namely very coarse
sandy soil.

October 5 -

Our traps held 3 species this
morning - 9 *Perognathus* *subsp. nov.* ??
8 *Dipodomys* *m. simpallidus* and 12
Peromyscus *e. flatusculus*.

Quayle & I worked till midnight and when getting ready for bed heard many poor wrens calling. Taking flash light & shot gun we tried to secure a few but moon too bright. The birds seemed to prefer the tops of large boulders on the canyon side which made successful approach impossible. At the water hole we saw a great many tracks & their eggs.

October 5 - cont.

I stayed in camp to finish up the Dipodomys left from yesterday while the boys went hunting. - Made a couple of pictures (5 x 7.) of the cactus and giant cactus.

While at work a very fine chap named Baldwin passed en route to some mining claims he has near Punta Prieta. He was accompanied by his wife and a Mexican prospector. Boys came in about 10 - with a good kill - we packed & moved to Catemina.

Set up camp on top of the hill south of the ranch house.

Spent the afternoon at skinning.

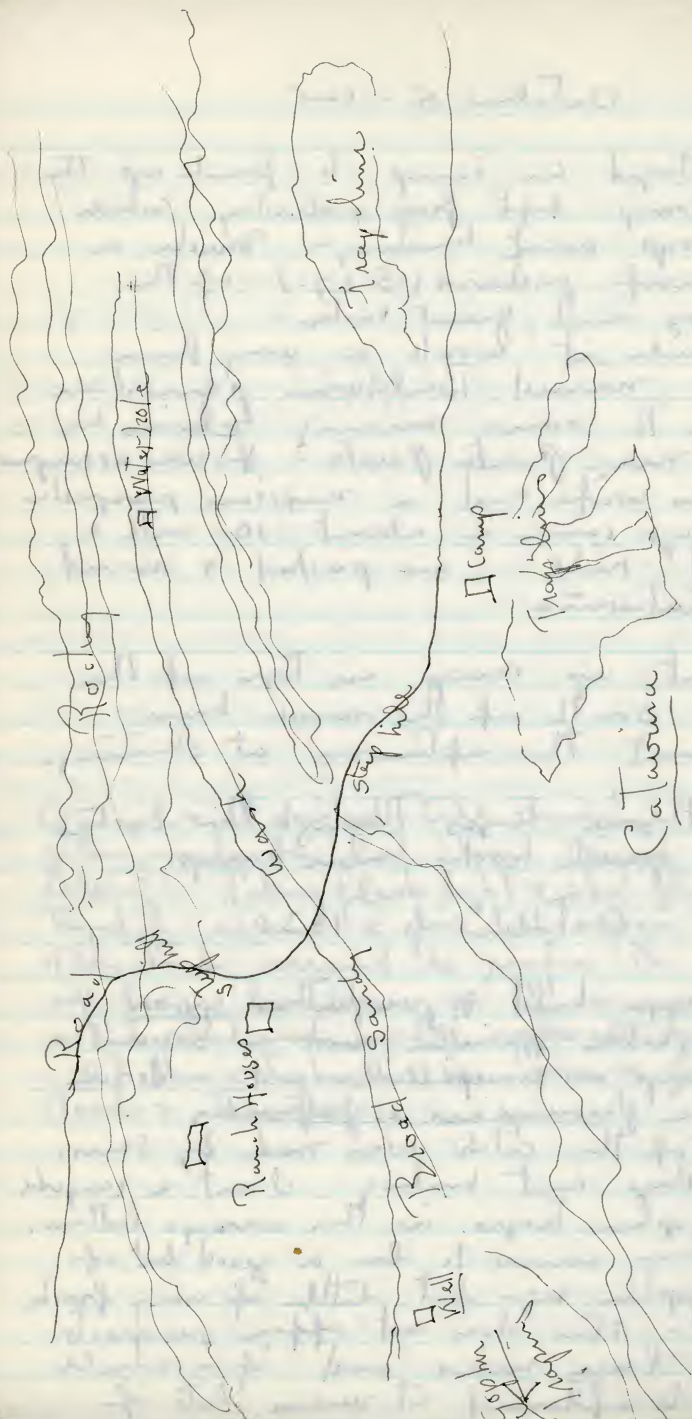
Set our traps through the cactus and giant rocks near camp.

October 6 - 1930

Traps held 8 *Perognathus* sp. nov.
1 *Perognathus* *spurius* and several
Dipodomys *m. semipalmatus* and a dozen
or more *Peromyscus* *e. patricius*.

Most of the catch was made by Sam.

Boys went hunting. I set a couple of gopher traps in the arroyo bottom. There seems to be a good bit of old gopher sign but little if any fresh work. This does not offer prospects of a large series and if a small one is obtained it means lots of



Tray line

Trap line

Camp

Trap line

Catawba

Trail

Broad Sand

Ranch Houses

Well

~~Top of~~

October 6 -

hard digging.

Went over my two gopher traps this evening & took out two gophers - which are undoubtedly a new subspecies. Hops went high & made a couple of new sets -

No traps out Tonight as tomorrow will be used digging gophers -

About 10 p.m. Sam and I went down to the water hole with a jar of alcohol and long forceps - here we picked up 11 Toads & fifteen Tree Frogs.

We heard now saw no poorwills so guess the wave of migration had passed -

October 7th -

Spent most of the morning digging and setting gopher traps - as observed the other day the dry season will make the collecting of a series most difficult tho I hope for some -

The boys got a nice bunch of birds -

Looked at my traps in the evening find, but a single gopher had been taken - set a few more traps for better results

In the middle of the afternoon while we were all at work to gentlemen - Mr. Moore & Dr. Powers of Fairbairn came into camp & spent an hour chatting - They were bound on a pleasure jaunt to the Cape & back.

Sam set his mouse traps amid granite boulders this evening.

October 8

My gopher traps were empty & spent most of the morning resetting them.

Sam's traps held 7 *Peromyscus* & 1 *fraterculus* & 5 *perognathus* - 14 subsp. nov. & 1 *p. formosus*

I set no traps this evening but let Gueyhe take my sack and with Sam - ran them through a rocky brush covered slope.

I looked over my gopher traps & reset several.

The gophers seem to be very inactive due to the dry season.

October 9 - 1930

I picked up the line set by Gueyhe and caught but a single *perognathus* and 4 *Peromyscus* & 1 *fraterculus* - Sam had 4 *Peromyscus* & 1 *fraterculus* - Not worth the effort.

All went hunting - I walked down the canyon setting out 20 gopher traps.

The boys brought in a couple of ground Squirrels.

Day cloudy and strong cold wind blowing. No traps set tonight.

Bought Gray fox from native boy.

October 10 -

During the day 4 gophers were taken and picked up most of the sets about sun down as we are moving tomorrow

October 10th 1930

Day semi cloudy & made several pictures amid the palms - bright fleecy clouds - Red A. filter & K3.

October 11th 1930

Packed up & left for next camp about 1.15 -

Found a fine appearing locality in a broad valley 22 miles south along the road from Catarinas.

A large out cropping of large granite boulders are the most conspicuous land mark and our camp and traplines were about $1/2$ mile directly south of the easternmost part of the boulder pile.

The ground was soft and chapparral with scrubby *Fouquieria* and small creosote brush - An other light colored brush was abundant.

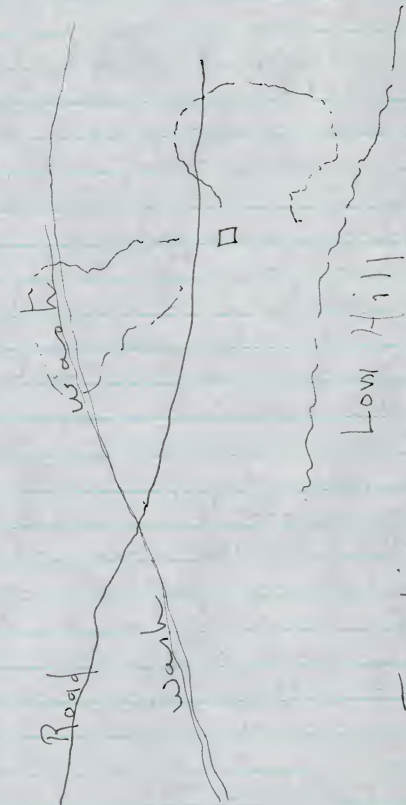
Mammal sign was every where and what appeared to be colonies of a large species of *Ripodomys* were found. Hope it is a large broad-headed form.

October 12 - 1930

We looked at our traps by lantern light last night and took out 8 *Dip.* (5 toad) 2 *Perognathus fallax* - 1 *Peromyscus m. sonoriensis* & 1 *D. m. implexus*

This morning we found a few more specimens of the same kinds.

Granite Boulder (Hill)
O.C.



Trap lines Oct. 12.

October 12-1930

As there was nothing of definite interest in the catch, such as Peromyscus longimundis I ~~was~~ ^{viscerated} the mammals and packed up - leaving the camp at 8.30.

After a few miles 2 deer were seen at about 100 yards from the road. They were on my side of the car so the shot was mine. The second shot I killed the young buck and took three shots at the large doe but missed.

We viscerated the animal, skinned it up in canvas and left the spot.

A good looking locality for trapping was found in the Sierra de Santa Ana. and we pitched camp near a ^{small} pile of granite rocks near the road. This proved to be the only outcropping of large rocks found near the road in the north western end of the valley.

We designated this camp as 2 miles north-west of Chapala.

We first skinned our deer then pitched camp. Sam set out traps down to skinning while Guayle went hunting - he returned in an hour with another deer - shot with his shot gun. I inadvertently both he & I killed our first deer on the same day -

Towards evening Sam set out both lines of traps.

Oct 1-1950

N
↓
S

Chapala
mine

Dry lake

Hills

Hills

Road

Chapala

Teaplan

Boo Camp

Granite

Hill

Teaplan

W 95° E

Barber

Moribay

October 12 - 1930

I set my flash camera near camp - It was fired at 8 p.m. & reset. The tracks looked like a coyote - It was fired again about 3.30 a.m. - probably a fox this time.

October 13 - 1930

The traps held 2 *Perognathus* formosus & 1 *Dipodomys* *m. semipalmatus*.

This was no indication of what the catch might have been for there were 14 traps taken by Coyotes & irrevocably lost.

Day rather warm but wind came up in afternoon and tempered things off a bit -

Boys went hunting, found an abundance of Gambel and Brewer Sparrows - so thick in fact that collecting was difficult.

Set our traps again through the same general locality as last night.

Set the flash camera again. Looked the traps over about 10 p.m. & found a dozen missing. Only three animals were taken out 2 *Perognathus* & two *Dipodomys* (Steele)

October 14 - 1930

The traps held 2 more *Perognathus* formosus and 1 *Perop* - a total of 18 trappers

October 14 -

were taken by coyotes - at this rate our rat trapping will soon cease. However tonight we will set all our steel traps and get even -
Flash trap first about 3. a.m.

I went hunting - found an abundance of Brewer and Gambel Sparrows -

Resident birds were rare - saw a few gnatcatchers several eastern woodpeckers - pericaris! and 2 roadrunners - one roadrunner was heard giving his nuptial call.

Set 4 steel traps and found a coyote in one just after dinner at 7:30 p.m. (Dark). Went over the trap line that Sam had set in the alluvial canyon floor, amidst a dense growth of rabbit brush & annual weeds, now dry, and found a great catch of *Dipos* & *Perognathus* - Skinned until eleven p.m. when another coyote was taken from the same set that earlier had captured an animal.

October 15 -

Two more coyotes gnawed the traps - 1 of them from the same trap that had caught 2 last night. I stayed in camp to skin coyotes.

I had my day filled with the abundant catch

Oct. 15-1930

Sam went hunting as usual
Reset the coyote traps this evening.
Sam set the line again through
the valley floor association -
Looked at the mouse traps by
lantern light and took out a good
catch -

October 16-1930

1 Coyote this morning -
2. perognathus in the mouse traps
giving me a good day's work
Sam went hunting as usual -
bringing in a warbler unknown to
me & probably new to the avifauna of L.C.
Set traps again through the
valley floor association -
No coyote traps set as we plan
moving tomorrow.

October 17-1930

Packed up & left the old camp
site at 8.20.

Found an excellent place to
work in a sandy area 25-30 miles north
of Punta Prieta.

Arrived at Punta Prieta about
1.30 - filled up water tanks & left
for Santa Rosalia Bay.

A few miles east of San Andres
several Xantho gulls were seen.

Many wild bruses seen about
the brackish marsh at San Andres.

Passing out of the rocky gorge
on the way towards the ocean - a large
wild cat ran up the hillside - tried to

October 17-1930

catches of 1/5 but was too far

Made camp inside an old rock corral at Santa Rosalia Bay all felt rather miserable as we were tired and a cold damp north wind chilled us though & through.

Sam set a line of mouse traps up the rocky ravine north of camp -

October 18 -

Rain broke our cast but calm and we all felt better after a restful night. The traps held 2 *peromyscus fallax* (subsp?) 4 *Peromyscus* and 2 *Peromyscus*.

all went hunting through the sand hills to the westward. Birds were not common but managed to get 6 Topotype Desert Thrasher 3 Gray sage Sparrows, 2 *Coccyz* sp. Wrens - Say Phoebe and several gnatcatchers.

Saw very fresh tracks of large Mt. Lion - and by following found place where it had come up ^{mine}.

Pair of Duck Hawks were sporting about camp all morning -

Osprey seen and old nest found situated on top of a Yucca near the shore.

Ravens abundant - Saw birds & shore birds almost lacking - saw but 1 *Merula* with Gulls. & 1 willow.

Saw set traps up rocky gulch again this evening.

October 19th 1930

Traps held but then *Peromyscus*
e. fulvipes. After breakfast all went
hunting *Thomomys*. I had found
fresh gopher digging yesterday just
back of the highest tide line and
was able to get in two fresh
holes - very old work was fairly
abundant but was too old to dig
into.

Day bright and when getting into
the sand hills I got interested in
fossils which were abundant.
Packed up sack full and
while busily engaged Sam &
Quayle came up - Then all
three of us spent an hour
on two gathering fossils.

Still had a number of mammals
left from Chapala - to fill in the
day -

Soon after arriving in camp a
couple of men from the ship *Gyrene*
which anchored off shore ~~about~~ after
about noon, came in and the greater
part of the afternoon was spent
chatting -

Sam and I both set traps
This evening crossing a sparsely
brushed terrace west of camp -

October 20th 1930

Sam's line held two *Peromyscus* ~~slide~~
mine held but a single *Peromyscus* & *fulvipes*

October 12 1880

The day of the 12th of October
was a very fine day. The
sun shone brightly and the
air was cool. We went for
a walk in the park and
saw many beautiful flowers.
The children were very
happy and played for
hours. We also saw many
birds and insects.

The 13th of October was
also a very fine day. The
sun shone brightly and the
air was cool. We went for
a walk in the park and
saw many beautiful flowers.
The children were very
happy and played for
hours. We also saw many
birds and insects.

The 14th of October was
also a very fine day. The
sun shone brightly and the
air was cool. We went for
a walk in the park and
saw many beautiful flowers.
The children were very
happy and played for
hours. We also saw many
birds and insects.

October 13 1880

The 15th of October was
also a very fine day. The
sun shone brightly and the
air was cool. We went for
a walk in the park and
saw many beautiful flowers.
The children were very
happy and played for
hours. We also saw many
birds and insects.

Sept. 20 - 1930

Still had a few old skins to prepare
and after this was done we packed up
in ~~our~~ readiness to move.

about noon Quayle walked over to a fossil locality I had found when picking up my traps this morning. He found three Desert Thrashers & shot one of them.

He also found a new fossil locality in a low sea cliff near camp - we left about 3.30 P.M. bound for San Andres. This camp at Santa Rosalia Bay is the furthest south we are to go on this trip.

Made camp in the mesquites
about 1 mile east of the Date Palm
at San Andres.

Sam cut out a line of traps
against the foot of the hill south of
camp.

Sept 21-1930

Trap line failure - 1 *Dipodomys*,
Peromyscus & 1 *Peromyscus* *crinitus*,
 with *Bufo* have invaded this region
 so badly that the place is all cut
 up with trails.

All went hunting - Pat to the westward through the Box Canyon and marsh - Sam & I through the mesquites. I made the eastern extremity of the forest and found good trapping

October 21-

prospects amid the creos in rather sandy soil - a harder silt like valley floor that is heavily overgrown with Quail brush looked promising for Pinos Tho but very little sign was present.

Sent Sam out that direction to set his traps. Found out later in the evening that he had misunderstood & had them in the wrong place despite my very detailed directions.

When hunting this morning I ran into a small bunch of Nevada Sage Sparrows - getting our

Quail were found to be very scarce and is rather remarkable when I remembered how very abundant they were 2 years ago.

Maybe the ripers of brush with their ever present trails, have opened up the cover so varmints are preying more heavily than usual.

October 22

Despite of the poor trap locality there were half a dozen *Perognathus fallax* this morning together with a few Pinos, m. *Semipalmarius* & *Peromyscus m. coolidgei*

I stayed in camp & made up the skins left over from yesterday.

Saw my ruddy from last night talking.

San Andres Trap line

Citrus
Forest

N
↓
S

3rd

3rd

Sedgy
Mudstone

Camp

Road

Red Hill

Red Hill

San Andres

Hills

Hills

Oct-22-

Sam set his traps up a rocky gorge
on the north side of the canyon.
I set my line in the sandy area
amid the cirs.

October 23-

Sam's traps held 2 *Peromyscus* &
Perotomus - my line held 4 *Peromyscus*
arizonae, 1 *Peromyscus* *fallax* - 1 *Dipso*,
peruvialis & 1 *Dipso* *m. remigialledus*.
Went hunting, & ran into the
flock of Sage Sparrows again
about 10 I should judge. I killed
2 from the flock.

Beautiful fleecy clouds to the
northward caused me to pack a camera
and several exposures were made in
the cirs.

Set our traps through the quail brush
on the valley floor (silty sand) in hopes
of *Peromyscus* *baileyi*.

After dark when having dinner a
screech owl was heard in the mesquite
near by.

October 24-

Our combined lines held but 6 specimens
3 *Peromyscus* & 3 *Dipso*. Sam skinned a
few left over birds which and I put up the
mams. P. & I broke camp & packed up.

We left the place at 10.30 bound
for our next stop 25 miles north of
Punta Prieta

July 1st 1900

Spent the day in the field. The weather was very hot and the ground was very dry. I collected a few specimens of insects and plants.

July 2nd 1900

Spent the day in the field. The weather was very hot and the ground was very dry. I collected a few specimens of insects and plants. I also saw a few birds and a few small mammals.

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October 24 - 1930

Had a very pleasant chat with my old friend Valdez at Punta Prieta - filled up all available vessels with water and pulled out about 2.30. at a point about $3\frac{1}{2}$ miles north of the place. Three Xantus jays were seen and by strategy we got two of them Pat doing the shooting. Team work counts on these wild creatures for when surrounded some one is bound to get a shot.

While Sam went over a few rods to visit the huge cañon. Pat & I shot a couple of birds. The most interesting were Clay colored Sparrows 2 specimens were taken from a flock of six or eight. Saw a Brown Towhee but proved too wild for collecting.

Camp was established near the east base of a rocky hill that bounds the western side of Llano de Santa Ana. Directly east across the llano the Calmahue range stood out boldly.

At the place of our camp the soil was fairly hard due to the proximity of the rocky hill but before we found the spot at least a mile of very sandy soil was encountered.

To the north, not far, lies a stretch of extremely sandy ~~terrain~~ terrain.

The abundant desert growth near camp was of a general mixture typical of the region - Cereus, cardons, Yuccas, and Yuccas.

The vastness of the collection of all

October 24th

This growth together with the presence of a number of shrubs in flower and small prostrate animals gave evidence of a local heavy summer rain.

This was extremely local however for a few miles either way was as dry as several hot summers could make it.

Animal and bird life seemed abundant and the prospects seemed good.

We set our traps through the loose sandy soil east and south east of camp.

Set up the tent after dark and put up 12 beds -

2 of them were quail put shot when we stopped the car at this campsite.

Looked over the traps at midnight taking out an abundant catch chiefly a small *Prognathus* of the *arenarius* group. ants were bred and several specimens were spotted.

October 25th.

An abundant mammal catch kept me in camp at work.

The boys went hunting and as predicted found birds abundant.

Male Scott crabs were in song but wild as usual.

Clay colored Sparrows were present and the usual Gambel Sparrow the most abundant.

October 25-1930.

I set my traps again through the sandy soil while Sam ran his line up the side of the hill in as rocky places as possible.

Looked at my line at midnight.

October 26-1930

Catch abundant and another good day ahead -

Boys hunting as usual getting interesting take - Xantho, jay, Gray flycatcher, several Flickers etc.

A ground dove flew into camp as we were at breakfast & was collected.

About noon a terrific north wind sprang up driving away the clouds that had been blowing about for the past three days - This wind blew violently far into the night, stirring up dust & making every body miserable.

Set our traps over the rocky hill this evening but prospects poor owing to the wind.

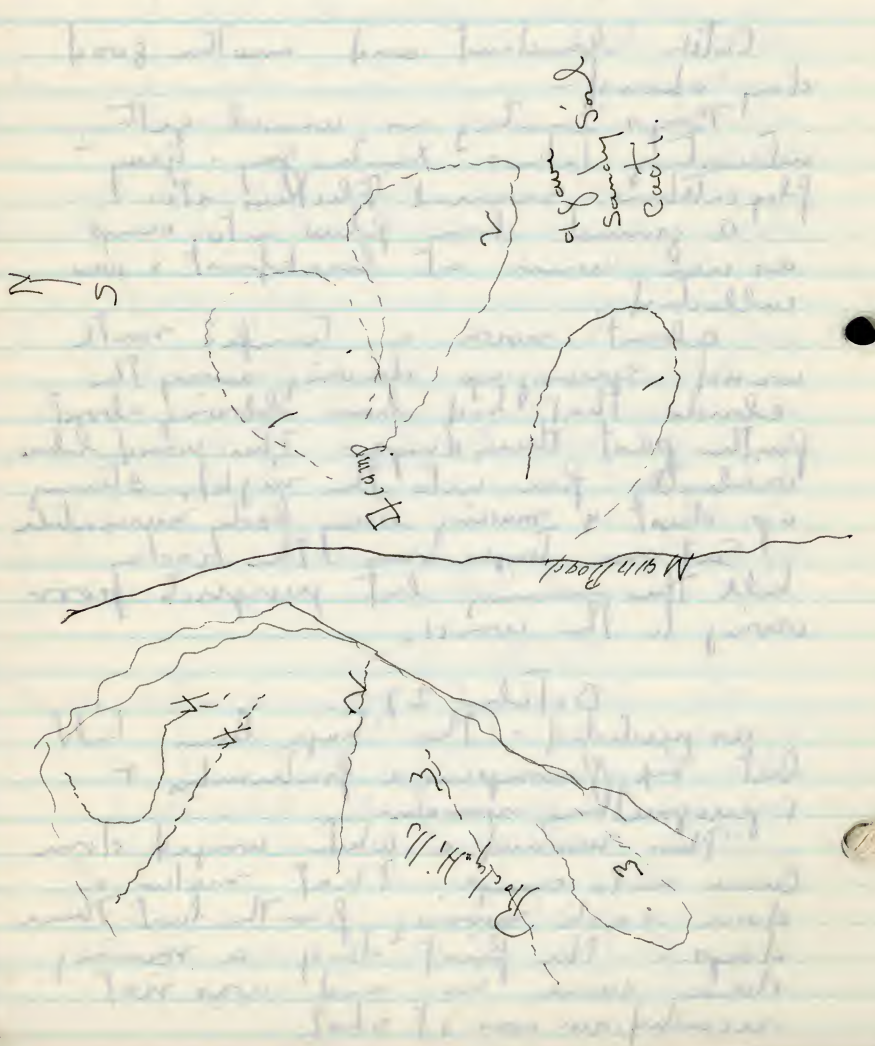
October 27 -

as predicted - The traps were laid but six *Peromyscus*, a *fruticulus* & 1 *perognathus spinatus*.

This morning a white-winged dove came into camp. That makes a dove each morning for the last three days. The first day a mourning dove came in and was not recovered, nor was it shot.

October 25-1900

At 10:00 AM we started for the
cave. The road was very rough
and we had to go up the hill
in several places. We reached
the cave at 1:00 PM.



of Cave
Sandy
Cave

Oct. 27 - 1930

Beep hunting as usual. in spite of a strong wind. Thin buck was phenomenal however as several flicker cactus wrens + 2 more jays were brought in. The wind helped they said owing to its causing all the brush to move making approach easier.

We set our traps over the rocky hill this evening, hoping to get a good run of Perognathus spinatus.

Set my flesh traps - 1 shot at 7 p.m., next 11 p.m., & again at 12, 45 a.m. Plenty of Coyotes here.

October 28 - 1930

Day broke clear & cool with a brisk north wind blowing.

Our traps held 9 perognathus spinatus 2 of which were eaten beyond repair by other mice. There were also 11 peromyscus & 1 fratulus.

Several left our traps & the perognathus were enough to keep me in camp.

Beep hunting as usual over the heavily chaparraled desert.

We did not set traps this evening as we move camp tomorrow.

October 29

Broke camp and left at 7.45

October '29 -

Made camp at dusk in the old adobe house visited 7 years ago when with Bancroft.

We tried to stretch a canvas over the old ruin for shelter but a violent wind threatened to come in the walls so this scheme was abandoned.

Sam and I set our traps over the valley floor near by - It was at this locality that I named a Ripidomys merriami from several years ago and I was anxious to obtain a good series.

Looked over our traps by lantern light later in the evening and found but a very light catch had been taken.

October 30 -

1891
The first of the season
was on the 1st of March
when the first snow fell.

The 2nd of the season
was on the 10th of March
when the snow fell again.

The 3rd of the season
was on the 15th of March
when the snow fell again.

The 4th of the season
was on the 20th of March
when the snow fell again.

The 5th of the season
was on the 25th of March
when the snow fell again.

The 6th of the season
was on the 30th of March
when the snow fell again.

The 7th of the season
was on the 5th of April
when the snow fell again.

End of Laurence M. Huey's Field Notes.

Followed by Ernest H. Quayle's Field Notes.